Author Index of Volume 64

Achiba, Y., 329, 353
Agranovich, V.M., 147
Aihara, J., 309
Amano, K., 49
Araki, T., 353

Ban, T., 359
Bässler, H., 141
Berlin, Yu.A., 171
Bertault, M., 323
Bietsch, W., 187

Cava, M.P., 319
Chung, I.J., 9
Cimrová, V., 271

Dai, Y.Q., 33
Denisov, V.N., 341
Drobnitsky, D.O., 171
Drozdova, O.O., 17

Eley, D.D., 233
Enoki, T., 329

Fang, S., 167
Fleming, R.J., 233

Goldenberg, L.M., 63
González, A., 83
Greiner, A., 141
Gromer, O., 281
Gumbs, R.W., 27

Haarer, D., 277
Hagler, T.W., 295
Hasegawa, E., 49
Heeger, A.J., 53, 295
Heitz, W., 141
Hino, S., 259
Hoshi, H., 167
Hosoya, H., 309

Ichimura, K., 39
Imaeda, K., 329
Ishikawa, H., 49
Ito, E., 353
Iwasaki, K., 259

Jeszka, J.K., 203

Kalinowski, J., 123
Kang, E.T., 77
Kawamura, A., 265
Kawamura, H., 265
Khairullin, I.I., 217
Kikuchi, K., 329, 353
Kim, K.M., 9
Kim, S., 9
Kinnear, S., 233
Kmínek, I., 271
Ko, J.M., 9
Kobayashi, A., 49, 291
Kobayashi, H., 291
Kohama, K., 167
Krebs, M., 187
Kryszewski, M., 203
Kushch, N.D., 17
Kusunoki, M., 359
Kuzmin, V.V., 171

Lee, C.H., 295
Lee, W.-J., 319
Li, S.Q., 33
Li, Y., 241
Lin, Z.G., 43
Lipin, A.S., 341
Liu, H., 33
Łużny, W., 59

Mahrt, R.F., 141
Martín, N., 83
Maruyama, Y., 167
Matsui, A.H., 177
Matsumoto, K., 259
Matsuura, Y., 209
Matsuzaki, S., 39
Mavrin, B.N., 341
McBranch, D., 295
McTigue, P.T., 91
Metzger, R.M., 319
Meyer, H., 277
Mitani, T., 291
Mitsumoto, R., 353
Miyazaki, T., 39
Miyazaki, Y., 69
Mizuno, K., 177
Moses, D., 53
Munn, R.W., 117
Murakami, H., 315

Nakamura, T., 177
Nakatani, S., 177
Namba, K., 227
Nasu, K., 247
Neoh, K.G., 77
Nešpůrek, S., 271
Nishio, S., 209
Nizioł, S., 59
Noma, N., 227

Ohno, T., 177
Ohtsu, Y., 329
Osteryoung, R.A., 63
Otsuka, A., 359
Ouchi, Y., 353

Pac, B., 335
Pakbaz, K., 295
Palewska, K., 323
Peng, Z.L., 33
Petelenz, P., 335
Pingarrón, J.M., 83
Pope, M., 109

Qian, R., 241

Rangamani, A.G., 91
Rashba, E.I., 255
Reghu, M., 53
Reineker, P., 147, 281
Ruani, G., 341

Saito, G., 359
Sakaguchi, K., 359
Sander, R., 141
Sandí, G., 1
Sano, M., 39, 315
Sato, N., 133
Satoh, M., 49
Schnabel, W., 271
Segura, J.L., 83
Seki, K., 353
Semkin, V.N., 17
Seoane, C., 83
Shcherbakova, I., 319
Shioyama, H., 97
Shirota, Y., 227
Shirotani, I., 217, 265
Skowroński, J.M., 97

Slawik, M., 335
Sugita, Y., 359
Suzuki, K., 329
Suzuki, M., 247
Suzuki, S., 329
Sworakowski, J., 323

Taliani, C., 341
Tan, K.L., 77
Tanaka, K., 209
Tanaka, S., 197
Teramoto, T., 359
Tomura, M., 197
Torío, C., 83
Toriumi, K., 265, 291
Tracz, A., 203

Vaníysek, P., 1
Verity, B., 91
Vestweber, H., 141
Vlasova, R.M., 17
von Schütz, J.U., 187

Wada, Y., 291
Wang, B., 33
Wang, P., 319
Wang, S.J., 33
Willis, M.R., 233
Wolf, H.C., 187

Xie, H.Q., 33

Yagi, T., 265
Yagubskii, E.B., 17
Yakushi, K., 217, 329
Yamabe, T., 209, 309
Yamamoto, T., 69
Yamashita, M., 265, 291
Yamashita, Y., 197
Yang, J.P., 277
Yang, Y., 43
Yoon, C.O., 53
Yoshino, K., 155
Yudson, V.I., 147

Zagórska, M., 59
Zakhidov, A.A., 155, 329, 341
Zamboni, R., 341

Subject Index of Volume 64

Additives
additives necessary for the preparation of $AlCl_3$–GIC from vapour and liquid phases, 97
Aluminium
benzene polymerization in 1-ethyl-3-methylimidazolium chloride–$AlCl_3$ ionic liquid, 63
additives necessary for the preparation of $AlCl_3$–GIC from vapour and liquid phases, 97

Benzene
benzene polymerization in 1-ethyl-3-methylimidazolium chloride–$AlCl_3$ ionic liquid, 63
Binuclear metal complex
charge instability in 1D halogen-bridged binuclear metal complex, 291
Bis(dimethylthieno)tetratellurafulvalene
a stable fullerene complex: crystal and molecular structure of (BDMT–TTeF)(C_{60})·CS_2, 319
Bis(ethylenedithio)tetrathiafulvalene
optical study of the electronic structure and electron–molecular vibrational coupling in a novel organic superconductor κ-(BEDT-TTF)$_2$Cu[N(CN)$_2$]$Cl_{0.5}Br_{0.5}$, 17
Blends
electroluminescence from polymer blends and molecularly doped polymers, 141
Bond disorder
model calculation for bond disorder-induced electronic states of conjugated polymers, 281
Buckminsterfullerene
electro-absorption spectrum of buckminsterfullerene — evidence for the existence of charge transfer states, 335

Charge carrier photogeneration
charge carrier photogeneration in poly(methylphenylsilylene) and its derivatives with π-conjugated side groups, 271
Charge density waves
nonlinear lattice relaxations and proliferation of excitons in one- and two-dimensional charge density waves, 247
Charge instability
charge instability in 1D halogen-bridged binuclear metal complex, 291
Charge transfer complexes
preparation and ionicity of C_{60} charge transfer complexes, 359
Charge transfer states
electro-absorption spectrum of buckminsterfullerene — evidence for the existence of charge transfer states, 335
Conjugated polymers
model calculation for bond disorder-induced electronic states of conjugated polymers, 281
Copolymers
synthesis of electrically conductive vinyl copolymers, 27
a novel molecular system for photoelectrical conversion: synthesis and anodic oxidations of 1-[4-(diphenylamino)phenyl-2-oxaalkyl]pyrrole (DPA-C_x-Py) and 1-[4-[bis(4-methylphenyl)-amino]phenyl-2-oxaalkyl]pyrrole (BMA-C_x-Py), and photovoltaic properties of a copolymer of BMA-C_x-Py with pyrrole, 227
Copper
synthesis of novel chloro-substituted *N,N'*-dicyanoquinonediimines. Formation of charge transfer complexes and copper radical-anion salts, 83
X- and Q-band ESR study of new poly-CuPc compounds synthesized under high pressure: the possibility of two-dimensional sheet polymers, 217
Critical length
critical length for self-trapping in one dimension, 255
Crystals
space-resolved recombination electroluminescence in organic crystals, 123
direct self-trapping path of excitons in pyrene crystals, 177
a stable fullerene complex: crystal and molecular structure of (BDMT–TTeF)(C_{60})·CS_2, 319

DCNQI salts
pulsed ESR of conducting alkali-DCNQI salts: a general analysis of the electronic spin relaxation rates, 187
Delocalization
delocalization and dimensionality effects on local electric fields in molecular materials, 117
Dicyanopyrazine
synthesis, structure and properties of the novel conducting dithiolato–metal complexes having dicyanopyrazine moieties, 197
Dicyanoquinonediimines
synthesis of novel chloro-substituted *N,N'*-dicyanoquinonediimines. Formation of charge transfer complexes and copper radical-anion salts, 83
Dimensionality effects
delocalization and dimensionality effects on local electric fields in molecular materials, 117
Dithiolato–metal complexes
synthesis, structure and properties of the novel conducting dithiolato–metal complexes having dicyanopyrazine moieties, 197
Doping
electrochemical properties of dodecylsulfate-doped polypyrrole films in aqueous solution containing NH_4Cl and $ZnCl_2$, 9
pressure and magnetic field dependence of the low temperature resistivity of PF_6-doped polypyrrole, 53
characterization, properties and doping of poly(3-alkylthiophene-2,5-diyl)s, P3RThs (R = n-C_6H_{13}, n-C_8H_{17}, n-$C_{12}H_{25}$), prepared by using zero-valent nickel complex, 69
electroluminescence from polymer blends and molecularly doped polymers, 141

Electrical conductivity
electrical conductivity of one-dimensional halogen-bridged metal complexes at high pressures, 265
Electrical properties
elongation of high-molecular-weight poly(3-octylthiophene) and its electrical properties, 49
Electric fields
delocalization and dimensionality effects on local electric fields in molecular materials, 117

Electrochemical properties
electrochemical properties of dodecylsulfate-doped polypyrrole films in aqueous solution containing NH_4Cl and $ZnCl_2$, 9
Electrode
total internal reflectance IR spectroscopy of polypyrrole on a silicon electrode, 91
Electrode kinetics
studies on the electrode kinetics of polypyrrole in aqueous solution by a.c. impedance measurement, 241
Electroluminescence
space-resolved recombination electroluminescence in organic crystals, 123
electroluminescence from polymer blends and molecularly doped polymers, 141
Electronic processes
Professor Hiroo Inokuchi: a pioneer and major contributor to the field of electronic processes in organic materials, 109
Electronic relaxation
characteristic electronic structures of organic solids classified in terms of molecular electronic relaxation, 133
Electronic states
model calculation for bond disorder-induced electronic states of conjugated polymers, 281
Electronic structure
optical study of the electronic structure and electron–molecular vibrational coupling in a novel organic superconductor κ-(BEDT-TTF)$_2$Cu[N(CN)$_2$]Cl$_{0.5}$Br$_{0.5}$, 17
characteristic electronic structures of organic solids classified in terms of molecular electronic relaxation, 133
Elongation
elongation of high-molecular-weight poly(3-octylthiophene) and its electrical properties, 49
Epitaxy
epitaxial growth of chloroaluminum phthalocyanine and vanadyl phthalocyanine double-layer structure by molecular beam epitaxy, 167
1-Ethyl-3-methylimidazolium chloride
benzene polymerization in 1-ethyl-3-methylimidazolium chloride–$AlCl_3$ ionic liquid, 63
Excitonic effects
X-ray absorption near-edge structure (XANES) spectroscopy of fullerenes: inner-shell excitonic effects in fullerenes and the XANES spectrum of a higher fullerene C_{76}, 353
Excitons
direct self-trapping path of excitons in pyrene crystals, 177
nonlinear lattice relaxations and proliferation of excitons in one- and two-dimensional charge density waves, 247

Fermi resonance
organic superlattices with interface Fermi resonance: optical nonlinearity, 147
Films
impedance and voltammetric studies of electrogenerated polyaniline conducting films, 1
electrochemical properties of dodecylsulfate-doped polypyrrole films in aqueous solution containing NH_4Cl and $ZnCl_2$, 9
the photoelectrochemical behavior of polypyrrole films in non-aqueous solutions, 43
electron spin resonance studies of organic semiconductive thin film by plasma polymerization of 3,4,9,10-perylenetetracarboxylic dianhydride, 209
Fullerenes
positron annihilation in C_{60}, C_{70} and related compounds, 315
a stable fullerene complex: crystal and molecular structure of (BDMT–TTeF)(C_{60})·CS_2, 319
phase transition in a C_{70}–toluene adduct, 323
hydrogen uptake effects on structures and solid state properties in K_3C_{60}, 329
electro-absorption spectrum of buckminsterfullerene – evidence for the existence of charge transfer states, 335
X-ray absorption near-edge structure (XANES) spectroscopy of fullerenes: inner-shell excitonic effects in fullerenes and the XANES spectrum of a higher fullerene C_{76}, 353
preparation and ionicity of C_{60} charge transfer complexes, 359
Fullerides
Raman scattering and lattice dynamics of fullerides M_xC_{60}, 341

GIC
additives necessary for the preparation of $AlCl_3$–GIC from vapour and liquid phases, 97
Graphite
aromatic character of graphite and carbon nanotubes, 309
Growth
epitaxial growth of chloroaluminum phthalocyanine and vanadyl phthalocyanine double-layer structure by molecular beam epitaxy, 167

Halogen
electrical conductivity of one-dimensional halogen-bridged metal complexes at high pressures, 265
charge instability in 1D halogen-bridged binuclear metal complex, 291
High pressure
electrical conductivity of one-dimensional halogen-bridged metal complexes at high pressures, 265

Impedance
impedance and voltammetric studies of electrogenerated polyaniline conducting films, 1
studies on the electrode kinetics of polypyrrole in aqueous solution by a.c. impedance measurement, 241
Inokuchi
Professor Hiroo Inokuchi: a pioneer and major contributor to the field of electronic processes in organic materials, 109
Intercalation
infrared spectra of pyridine-intercalated $MnPS_3$ at high pressures, 39
Interfaces
polarization double barriers at the interfaces in organic multilayered structures and superlattices, 155
Ionicity
preparation and ionicity of C_{60} charge transfer complexes, 359

Junctions
properties of heterojunctions involving organic metal networks in polymer matrices, 203

Lattice dynamics
Raman scattering and lattice dynamics of fullerides M_xC_{60}, 341

Lattice relaxation
nonlinear lattice relaxations and proliferation of excitons in one- and two-dimensional charge density waves, 247
Luminescence
space-resolved recombination electroluminescence in organic crystals, 123
electroluminescence from polymer blends and molecularly doped polymers, 141

Magnetic field dependence
pressure and magnetic field dependence of the low temperature resistivity of PF_6-doped polypyrrole, 53
Manganese
infrared spectra of pyridine-intercalated $MnPS_3$ at high pressures, 39
Mobility
measurement of the mobility edge of poly(*p*-phenylenevinylene) with photobleaching experiments, 277
Model
model calculation for bond disorder-induced electronic states of conjugated polymers, 281
Molecular materials
delocalization and dimensionality effects on local electric fields in molecular materials, 117

Nanotube
aromatic character of graphite and carbon nanotubes, 309
Networks
properties of heterojunctions involving organic metal networks in polymer matrices, 203
Nickel
characterization, properties and doping of poly(3-alkylthiophene-2,5-diyl)s, P3RThs (R = n-C_6H_{13}, n-C_8H_{17}, n-$C_{12}H_{25}$), prepared by using zero-valent nickel complex, 69

Optical nonlinearity
organic superlattices with interface Fermi resonance: optical nonlinearity, 147
Optical study
optical study of the electronic structure and electron–molecular vibrational coupling in a novel organic superconductor κ-(BEDT-TTF)$_2$Cu[N(CN)$_2$]Cl$_{0.5}$Br$_{0.5}$, 17
Oxidation
a novel molecular system for photoelectrical conversion: synthesis and anodic oxidations of 1-[4-(diphenylamino)phenyl-2-oxaalkyl]pyrrole (DPA-C_x-Py) and 1-[4-[bis(4-methylphenyl)-amino]phenyl-2-oxaalkyl]pyrrole (BMA-C_x-Py), and photovoltaic properties of a copolymer of BMA-C_x-Py with pyrrole, 227

Perylenetetracarboxylic dianhydride
electron spin resonance studies of organic semiconductive thin film by plasma polymerization of 3,4,9,10-perylenetetracarboxylic dianhydride, 209
Phase transition
phase transition in a C_{70}–toluene adduct, 323
Photobleaching
measurement of the mobility edge of poly(*p*-phenylenevinylene) with photobleaching experiments, 277
Photoconduction
pulsed photoconduction in TCNQ complex salts, 233
Photoelectrochemical behavior
the photoelectrochemical behavior of polypyrrole films in non-aqueous solutions, 43
Photoexcitations
nature of the primary photoexcitations in poly(arylenevinylenes), 295
Photovoltaic properties
a novel molecular system for photoelectrical conversion: synthesis and anodic oxidations of 1-[4-(diphenylamino)phenyl-2-oxaalkyl]pyrrole (DPA-C_x-Py) and 1-[4-[bis(4-methylphenyl)-amino]phenyl-2-oxaalkyl]pyrrole (BMA-C_x-Py), and photovoltaic properties of a copolymer of BMA-C_x-Py with pyrrole, 227
Phthalocyanine
epitaxial growth of chloroaluminum phthalocyanine and vanadyl phthalocyanine double-layer structure by molecular beam epitaxy, 167
X- and Q-band ESR study of new poly-CuPc compounds synthesized under high pressure: the possibility of two-dimensional sheet polymers, 217
Plasma
electron spin resonance studies of organic semiconductive thin film by plasma polymerization of 3,4,9,10-perylenetetracarboxylic dianhydride, 209
Polarization
polarization double barriers at the interfaces in organic multilayered structures and superlattices, 155
Poly(3-alkylthiophene-2,5-diyl)
characterization, properties and doping of poly(3-alkylthiophene-2,5-diyl)s, P3RThs (R = n-C_6H_{13}, n-C_8H_{17}, n-$C_{12}H_{25}$), prepared by using zero-valent nickel complex, 69
Poly(3-octylthiophene)
elongation of high-molecular-weight poly(3-octylthiophene) and its electrical properties, 49
Polyaniline
impedance and voltammetric studies of electrogenerated polyaniline conducting films, 1
study of polyaniline by positron annihilation technique, 33
Poly(arylene-vinylenes)
nature of the primary photoexcitations in poly(arylenevinylenes), 295
Polyazulene
ultraviolet photoelectron spectra of electropolymerized polymers: polyazulene, polypyrene and polycarbazole, 259
Polycarbazole
ultraviolet photoelectron spectra of electropolymerized polymers: polyazulene, polypyrene and polycarbazole, 259
Poly(decylthiophenes)
short-range order in amorphous poly(decylthiophenes): a temperature dependence study, 59
Polymerization
benzene polymerization in 1-ethyl-3-methylimidazolium chloride–$AlCl_3$ ionic liquid, 63
electron spin resonance studies of organic semiconductive thin film by plasma polymerization of 3,4,9,10-perylenetetracarboxylic dianhydride, 209
Polymer matrices
properties of heterojunctions involving organic metal networks in polymer matrices, 203
Poly(methylphenylsilylene)
charge carrier photogeneration in poly(methylphenylsilylene) and its derivatives with π-conjugated side groups, 271
Poly(*o*-toluidine)
the intrinsic redox states and protonation behavior of poly(*o*-toluidine), 77
Poly(*p*-phenylenevinylene)
measurement of the mobility edge of poly(*p*-phenylenevinylene) with photobleaching experiments, 277

Polypyrene
ultraviolet photoelectron spectra of electropolymerized polymers: polyazulene, polypyrene and polycarbazole, 259
Polypyrrole
electrochemical properties of dodecylsulfate-doped polypyrrole films in aqueous solution containing NH_4Cl and $ZnCl_2$, 9
the photoelectrochemical behavior of polypyrrole films in non-aqueous solutions, 43
pressure and magnetic field dependence of the low temperature resistivity of PF_6-doped polypyrrole, 53
total internal reflectance IR spectroscopy of polypyrrole on a silicon electrode, 91
studies on the electrode kinetics of polypyrrole in aqueous solution by a.c. impedance measurement, 241
Positron annihilation
study of polyaniline by positron annihilation technique, 33
positron annihilation in C_{60}, C_{70} and related compounds, 315
Pressure dependence
pressure and magnetic field dependence of the low temperature resistivity of PF_6-doped polypyrrole, 53
Protonation
the intrinsic redox states and protonation behavior of poly(*o*-toluidine), 77
Pyrene
direct self-trapping path of excitons in pyrene crystals, 177
Pyridine
infrared spectra of pyridine-intercalated $MnPS_3$ at high pressures, 39
Pyrrole
a novel molecular system for photoelectrical conversion: synthesis and anodic oxidations of 1-[4-(diphenylamino)phenyl-2-oxaalkyl]pyrrole (DPA-C_x-Py) and 1-[4-[bis(4-methylphenyl)-amino]phenyl-2-oxaalkyl]pyrrole (BMA-C_x-Py), and photovoltaic properties of a copolymer of BMA-C_x-Py with pyrrole, 227

Redox states
the intrinsic redox states and protonation behavior of poly(*o*-toluidine), 77
Resistivity
pressure and magnetic field dependence of the low temperature resistivity of PF_6-doped polypyrrole, 53

Self-trapping
direct self-trapping path of excitons in pyrene crystals, 177
critical length for self-trapping in one dimension, 255
Semiconductor
electron spin resonance studies of organic semiconductive thin film by plasma polymerization of 3,4,9,10-perylenetetracarboxylic dianhydride, 209
Sheet polymers
X- and Q-band ESR study of new poly-CuPc compounds synthesized under high pressure: the possibility of two-dimensional sheet polymers, 217
Short-range order
short-range order in amorphous poly(decylthiophenes): a temperature dependence study, 59
Silicon
total internal reflectance IR spectroscopy of polypyrrole on a silicon electrode, 91
Solid state properties
hydrogen uptake effects on structures and solid state properties in K_3C_{60}, 329

Spectra
infrared spectra of pyridine-intercalated $MnPS_3$ at high pressures, 39
ultraviolet photoelectron spectra of electropolymerized polymers: polyazulene, polypyrene and polycarbazole, 259
electro-absorption spectrum of buckminsterfullerene – evidence for the existence of charge transfer states, 335
Spectroscopy
total internal reflectance IR spectroscopy of polypyrrole on a silicon electrode, 91
pulsed ESR of conducting alkali-DCNQI salts: a general analysis of the electronic spin relaxation rates, 187
electron spin resonance studies of organic semiconductive thin film by plasma polymerization of 3,4,9,10-perylenetetracarboxylic dianhydride, 209
X- and Q-band ESR study of new poly-CuPc compounds synthesized under high pressure: the possibility of two-dimensional sheet polymers, 217
Raman scattering and lattice dynamics of fullerides M_xC_{60}, 341
X-ray absorption near-edge structure (XANES) spectroscopy of fullerenes: inner-shell excitonic effects in fullerenes and the XANES spectrum of a higher fullerene C_{76}, 353
Spin relaxation
pulsed ESR of conducting alkali-DCNQI salts: a general analysis of the electronic spin relaxation rates, 187
Stochastic transition theory
the elementary step of charge carrier transport in polymeric systems studied by the irreversible stochastic transition theory, 171
Structures
optical study of the electronic structure and electron–molecular vibrational coupling in a novel organic superconductor κ-(BEDT-TTF)$_2$Cu[N(CN)$_2$]Cl$_{0.5}$Br$_{0.5}$, 17
characteristic electronic structures of organic solids classified in terms of molecular electronic relaxation, 133
polarization double barriers at the interfaces in organic multilayered structures and superlattices, 155
epitaxial growth of chloroaluminum phthalocyanine and vanadyl phthalocyanine double-layer structure by molecular beam epitaxy, 167
synthesis, structure and properties of the novel conducting dithiolato–metal complexes having dicyanopyrazine moieties, 197
a stable fullerene complex: crystal and molecular structure of (BDMT–TTeF)(C_{60})·CS_2, 319
hydrogen uptake effects on structures and solid state properties in K_3C_{60}, 329
X-ray absorption near-edge structure (XANES) spectroscopy of fullerenes: inner-shell excitonic effects in fullerenes and the XANES spectrum of a higher fullerene C_{76}, 353
Superconductor
optical study of the electronic structure and electron–molecular vibrational coupling in a novel organic superconductor κ-(BEDT-TTF)$_2$Cu[N(CN)$_2$]Cl$_{0.5}$Br$_{0.5}$, 17
Superlattices
organic superlattices with interface Fermi resonance: optical nonlinearity, 147
polarization double barriers at the interfaces in organic multilayered structures and superlattices, 155
Synthesis
synthesis of electrically conductive vinyl copolymers, 27

synthesis of novel chloro-substituted *N,N'*-dicyanoquinonediimines. Formation of charge transfer complexes and copper radical-anion salts, 83
synthesis, structure and properties of the novel conducting dithiolato–metal complexes having dicyanopyrazine moieties, 197
a novel molecular system for photoelectrical conversion: synthesis and anodic oxidations of 1-[4-(diphenylamino)phenyl-2-oxaalkyl]pyrrole (DPA-C_x-Py) and 1-[4-[bis(4-methylphenyl)-amino]phenyl-2-oxaalkyl]pyrrole (BMA-C_x-Py), and photovoltaic properties of a copolymer of BMA-C_x-Py with pyrrole, 227

Temperature dependence
short-range order in amorphous poly(decylthiophenes): a temperature dependence study, 59
Tetracyanoquinodimethane
pulsed photoconduction in TCNQ complex salts, 233
Toluene
phase transition in a C_{70}–toluene adduct, 323
Transport
the elementary step of charge carrier transport in polymeric systems studied by the irreversible stochastic transition theory, 171

Vibrational coupling
optical study of the electronic structure and electron–molecular vibrational coupling in a novel organic superconductor κ-(BEDT-TTF)$_2$Cu[N(CN)$_2$]Cl$_{0.5}$Br$_{0.5}$, 17
Vinyl
synthesis of electrically conductive vinyl copolymers, 27
Voltammetric studies
impedance and voltammetric studies of electrogenerated polyaniline conducting films, 1